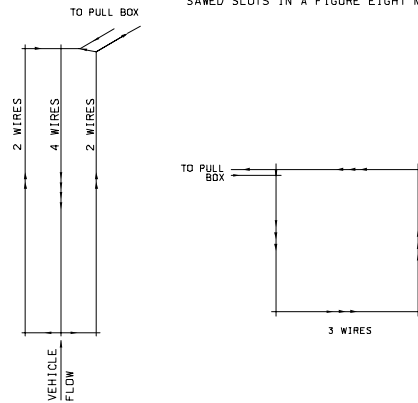
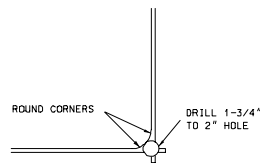


LOOP SHALL BE #14 AWG STRANDED WIRE IN PVC DUCT MADE UP OF 2 NON-TWISTED TURNS IN SINGLE SLOT OR AS RECOMMENDED BY MANUFACTURER OF THE DETECTOR AMPLIFIER. LOOP SHALL BE PLACED IN SAWED SLOTS IN A FIGURE EIGHT MANNER.

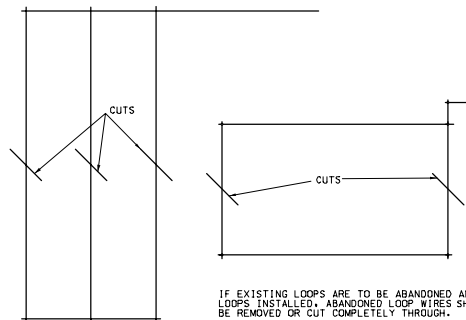


LOOP CONFIGURATION

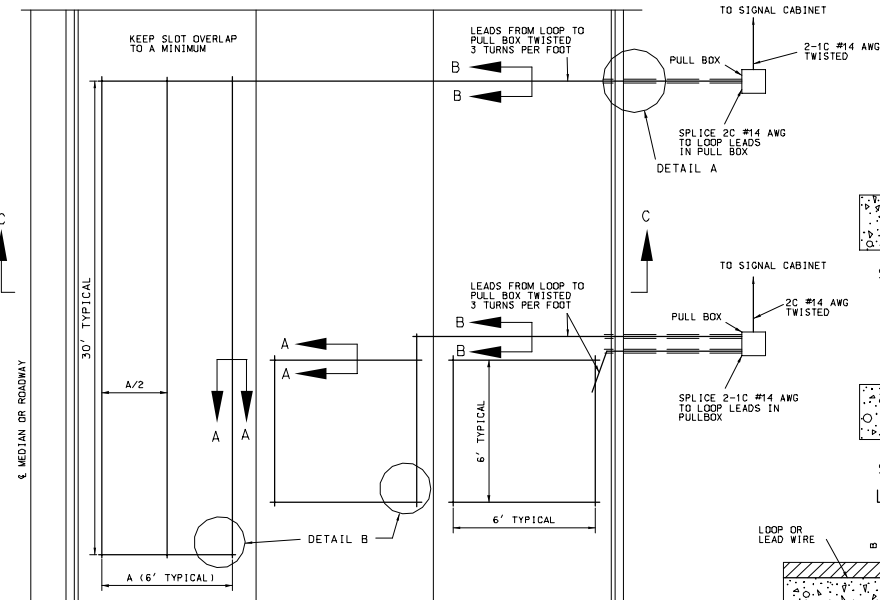


DETAIL B

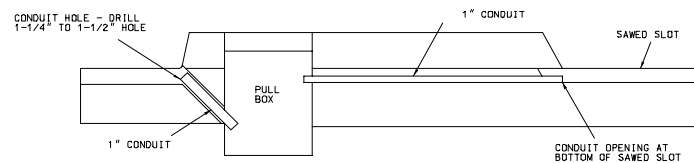
TYPICAL LOOP CORNER DETAIL



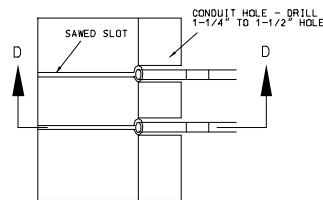
ABANDONED LOOPS



SECTION C-C
LOOP SLOT DETAIL

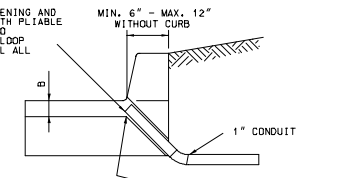


MEDIAN OR ISLAND DETAIL

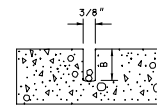


DETAIL A
CONDUIT SLOT DETAIL

SEAL CONDUIT OPENING AND DRILLED HOLE WITH PLIABLE SEALANT PRIOR TO APPLICATION OF LOOP SEALANT (TYPICAL ALL INSTALLATIONS.)

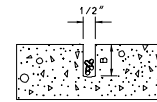


SECTION D-D

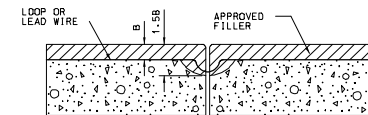


SECTION A-A
LOOP SLOT

NO. OF CONDUCTORS IN SLOT	B (IN.)
4	2
5	2-1/2"
6	2-1/2"



SECTION B-B
LEAD SLOT



DETAIL OF AN "E" JOINT OR OTHER FULL DEPTH JOINT CROSSING

CAUTION:
WIRE SHALL BE PLACED IN SAWED SLOT WITH DEVICE WHICH WILL NOT DAMAGE THE WIRE INSULATION.

GENERAL NOTES:

SENSOR UNIT SHALL BE HOUSED IN CONTROLLER CABINET UNLESS SPECIFIED OTHERWISE. ALL LOOP AND LEAD SLOTS SHALL BE CUT BY POWER CONCRETE SAW.

LOOPS TO BE INSTALLED WHEN EXISTING PORTLAND CEMENT CONCRETE OR ASPHALTIC CONCRETE PAVEMENT IS BEING RESURFACED. LOOPS SHALL BE PLACED IN "C" COURSE OF THE ASPHALTIC CONCRETE.

ASPHALT OR CONCRETE SLOTS SHALL BE FILLED WITH AN APPROVED LOOP SEALANT. SAWING OF NEWLY CONSTRUCTED PORTLAND CEMENT CONCRETE PAVEMENT SHALL NOT OCCUR FOR SEVEN DAYS.

THE CONDUIT SLOT MAY BE POWER OR MANUALLY CONSTRUCTED. ANY FORMING NEEDED TO SECURE CONDUIT IN SLOT SHALL BE REMOVED.

A SEPARATE CONDUIT SHALL BE INSTALLED BETWEEN THE SAWED LOOP SLOT AND THE FIRST PULL BOX FOR EACH LOOP. THE CONDUIT OPENING AT THE END OF THE LEAD-IN SLOT SHALL BE AT THE BOTTOM OF THE SAWED SLOT.

AFTER CABLE INSTALLATION, THE CONDUIT OPENING AT THE LOOP LEAD ENTRANCE SHALL BE SEALED.

AVOID "E" JOINTS OR OTHER FULL DEPTH JOINTS. MINOR ADJUSTMENTS TO LOOP LOCATION MAY BE MADE.

USE TYPICAL DIMENSIONS UNLESS OTHERWISE SHOWN ON PLANS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
TRAFFIC SIGNALS INDUCTION LOOP DETECTORS			
DATE: _____	EFFECTIVE: 04-01-2002	902.50J	1/1